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Applicant:

Beverly M. Emerson Trans

Examiner: Brian A Whiteman

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METHOD OF REGULATING TRANSCRIPTION IN A CELL

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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Commissioner for Patents Washington, D.C. 20231

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Sir:

In response to the Office Action mailed on December 31, 2001, please consider the following remarks and amendments.

In the Specification

Please make the paragraph substitutions indicated in the appendix entitled Clean Version of Amended Specification Paragraphs. The specific changes incorporated in the substitute paragraphs are shown in the following marked-up versions of the original paragraphs:

The paragraph beginning at page 6, line 1 is amended as follows:

The chromatin remodeling complex subunit may be from [and] <u>an</u> organism such as a plant or animal, such as a human.

The paragraph beginning at page 9, line 8 is amended as follows:

Many zinc finger proteins have been studied to date. For example, there are zinc finger proteins that are regulators of tissue-specific gene expression such GATA-1 (erythroid), Sp1 (ubiquitous), [EKLF erythroid)] EKLF (erythroid), FKLF (fetal), BKLF (basic), GKLF (gut), LKLF (lung). There are also zinc finger-containing nuclear hormone receptors such as, androgen, estrogen, thyroid, progesterone, glucocorticoid receptors. Another zinc finger-containing protein is Wilm's tumor suppressor protein, WT1. WT1 encodes a zinc finger transcription factor implicated in kidney differentiation and tumorigenesis. It strongly regulates

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